

The Phase Separation of Surface-Active Additions  
at Defects in the Crystal Structure of Metals,  
by V. N. Rozhanskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk USSR, Vol CXXVIII, No 5,  
1959, pp 1171-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

118,106

Liquid-Phase Oxidation of Olefins in the Presence of  
Boric Acid, by A. N. Bashkirov, Shiman Pal, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1175-1178.

OTS TT-64-10098

CB

ATS-RJ-2402

and ATS-161139R

Sci - Chem

Sep 60

127,749

Inhibition of the Chain Decomposition of Polymers  
by Disrupting Structural Homogeneity Through  
Copolymerization, by A. T. Os'minskaya, A. G.  
Popov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1179-1181.

CB

Sci - Chem  
Sep 60

127,751

Condensation of the Sodium Salt of the Ethyl Ester of  
1,3-Indanedione-2-Carboxylic Acid With Diazotized  
Nitroanilines, by E. Yu. Gudrinietse, G. Ya. Vanag,  
L. Yu. Sakhar, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1182-1184.

CB

Sci - Chem  
Sep 60

127,752

The Synthesis of Some Carbon-Substituted  
Rhamnose, by Yu. A. Zhdanov, G. A. Korol'chenko,  
L. A. Kubasskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1185-1187.

CB

Sci - Chem  
Sep 60

127,754

On the Concurrent Formation of Five- and Six-Membered Rings From Paraffins (C<sub>5</sub>- and C<sub>6</sub>-Dehydrocyclization) Over Platinized Carbon, by B. A. Kazanskiy, A. L. Liberman, G. V. Loza, T. V. Vasina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6, 1959, pp 1188-1191.

ATS-R3-0388  
CB

Sci - Chem  
Sep 60

127,753

Chlorination of Monochloropropanes, by B. A.  
Krentsel', A. V. Topchiyev, D. E. Il'ina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1192-1195.

CB

Sci - Chem  
Sep 60

127,755

Application of the Hammett Equation to Isotopic  
Hydrogen-Exchange Reactions, by D. N. Kursanov,  
V. A. Zdanovich, Z. N. Parnes, 4 pp.

I  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1196-1197.

CB

Sci - Chem  
Sep 60

127,756



Rearrangement of Esters of X-Hydroxyallylphosphonic  
Acids into the Isomeric Phosphates, by V. A. Kukhtin,

RUSSIAN, per, Dokl. Ak. Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1198-1200.

ATS RJ-2136

CB

Sci - Chem

May 60

115,422

A New Method for the Synthesis of Unsymmetrical  
Acyl Peroxides, by Yu. A. Ol'dekop, A. N.  
Sevchenko, I. P. Zyat'kov, G. S. Bylina, A. P.  
El'nitskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp ~~xxx~~ 1201-1203.

CB

Sci - Chem  
Sep 60

127,758

Synthesis of  $\alpha,\omega$ -Di(Cyanoalkyl)Tetraalkyldisloxanes,  
by V. M. B Vdovin, R. Sultanov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1204-1207.

CB

Sci - Chem  
Sep 60

127,757

The Use of Induced  $\alpha$ -Particles From Artificial  
Radioactivity for the Quantitative Control of  
Products Containing Aluminum and Boron, by  
L. N. Plaksin, V. N. Smirnov, P. Starik, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1208-1209.

CB

Sci - Chem  
Sep 60

127,759

On the Reduction of Copper Ferrite With Graphite,  
by N. M. Stafeyeva, V. N. ~~August~~ Bogoslovskiy,  
G. I. Chufarov, V. A. Subbotina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1210- ~~1217~~

CB

Sci - Chem  
Sep 60

127,760

The Equilibrium Distribution of Deuterium During  
Hydrogen Exchange With Liquid Deuterium Iodide,  
by P. P. Alykhanov, Ya. M. Varshavskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1214-1216.

Consultants Bureau

Sci

Aug 60

126,536

The Solution of Metallic Magnesium in Fused  
Chlorides, by N. G. Bulan, E. A. Ukshe, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1217-1219.

Consultants Bureau

Sci

Sep 60

126,537

Turbulent Combustion in an Enclosed Space, by  
V. P. Karpov, E. S. Semenov, A. S. Sokolik,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1220-1223.

Consultants Bureau

Sci

Sep 60

126,538



The Spectra of Paramagnetic Electron  
Resonance and the Kinetics of the Accumulation  
of Radicals Formed During the Irradiation of  
Frozen Aqueous Solutions of Sodium Nitrate  
by Fast Electrons, by Yu. N. Molin, V. A.  
Sharpatyy, N. Ya. Buben, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1224-1227.

Consultants Bureau

Sci

Sep 60

126,586

A Study of Absorption Layers on Liquid Metal  
Surfaces, by N. L. Pokrovskiy, D. S. Tissen,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1228-1231.

Consultants Bureau

Sci

Sep 60

126,587

Copolymerization of Parachlorostyrene With  $\alpha$ -  
Methylstyrene and Styrene Under the Action of Alkali  
Catalysts, by Ya. I. Spirin, A. R. Gantmakher, S. S.  
Medvedev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1232, 1233.

CB

Sci

Aug 60

Molecular Orbitals of  $\text{Cr}(\text{C}_5\text{H}_5)_2$   
(Dibenzenechromium)  $\text{Fe}(\text{C}_5\text{H}_5)_2$  Ferrocene or  
Biscyclopentadienyliron) and  $\text{Co}(\text{C}_5\text{H}_5)_2^+$   
(Biscyclopentadienylcobalt Ion), by  
E. M. Shustorovich, M. E. Dyatkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1234-1237.

Consultants Bureau

Sci

Sep 60

126,588

Critical Conditions for the Thermal Explosion  
of Tetryl, by A. G. Merzhanov, V. G. Abramov,  
F. I. Dubovitskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1238-

Consultants Bureau

Sci

Sep 60

126,589

On the Lower Devonian of the South Mirmasinsk  
Syncline, by V. I. Krasnov, 3 pp.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Vol. CXXXIII,  
No 6, 1959, pp 1242-1244.

ACI

Sci.

Jun 61.

154,644

Carichium Minimum (Mollusca, Pulmonata) in the Neocene  
Deposits of Kirgiziya. The Problem of the Structure  
of the Upper Tertiary Landscape of Inner Tien Shan,  
by P. V. Matyekin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
~~1960~~, pp 1245-1246.

1959

AGI

Sci

Jun 61

Characteristics of Surficial Deposits in the  
Middle and Lower Ob River Valley, by  
A. V. Menozhin, 4 pp.

RUSSIAN, per, Dokl. Ak. Nauk SSSR, Vol. 241, No. 6, 1979, pp. 1247-1249.

REF

Sci.

Ann. E1

158645



Pressure Corrections for the Homogenization  
Temperatures of Aqueous NaCl Solutions,  
by P. V. Klevtsov, G. G. Lemmlein, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1250-1253.

AQI

Sci

Jun 61

154,653

The Composition of Siliceous Rocks of the  
Paleogene of the MIDDLE Area of the Volga  
River, by V. V. Vlasov, U. G. Distanov,  
Yn. I. Sozin, 4 pp.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1254-1257.

AGI

Sci

Jun 61

154,655

Classification of Phosphorites, by B. M;  
Gimmelfarb, N. A. Krasilnikova, A. M;  
Tushina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1258-1261.

ACI

Sci

Jun 61

154,661

Organic Carbon and Sulfur in the Kerch Iron Ores,  
by V. F. Malakhovsky, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1960, pp 1262-1265.

1959

AGI

Sci

Jun 61

Geochemical Mobility of the Elements in the  
Deposits of the Maykop Formations, by  
Yu. A. Pryakhina, 3 pp.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1266-1269.

AGI

Sci

Jan 61.

154,615

Distribution of Zooplankton in the Northeast  
Section of the Pacific Ocean in the Winter of  
1958-1959, by K. V. Beklemishev, E. A. Lubny-  
Gertsyk.

~~RUSSIAN~~

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1271-1273.

NRCC C-3406  
Dept of Interior  
QH301 C273 No 261

Sci - Biology

Dec 60

133 946

A Semiparasite From Tertiary Red Algae (Corallinaceae),  
by V. P. Maslov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXVIII, No 6,  
1966, pp 1274-1275.

AGI

Sci  
Jun 61.

On the Discovery of Remains of the Genus *Sciadopitys*  
S. and Z. in the Upper Cretaceous Deposits of the  
Urals, by P. I. Dorofeyev, I. M. Sveshnikova,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1276-1278.

AGI

Sci

154,659

Jun 61



The Frequency of Induced Dominant Lethals at  
Different Stages of Spermatogenesis in  
Drosophila, by M. L. Bol'govskiy, N. A.  
Abelova, N. A. Potekhin, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXVIII,  
No 6, 1959, pp 1279-1283.

Amer Inst of Biol Sci

Sci

118,196

Jun 60

Development of the Polyploid Sugar Beet, by V. V. Sakharov, V. V. Mansurova, R. N. Platonova, V. K. Shalerbakov, 3 pp.

RUSSIAN. per, Dok Ak Nauk SSSR, Vol. CXV, No 6, 1970, pp 1283.

Amor Inst. de Invest. C.

Sci.

Jun 60

A Study of the Intracellular Inclusions of  
Influenza Virus by Luminescence Microscopy,  
by N. A. Makelmovich, V. P. Mitshenko, 4 pp.

RUSSIAN, per, Dokl. Ak. Nauk SSSR, Vol. CXXVIII,  
No 6, 1959, pp 1236-.

Author Index of Dokl. Sci.  
119, 238

Sci

Jun 60

Cytochemical Changes in the Nerve-Cell  
Nucleoproteins of Mammals in Various Stages  
of Radiation Sickness, by A. L. Shabadash,  
T. I. Zolikhina, N. D. Agracheva, 4 pp.

RUSSIAN, part, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1290-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 5

Sci

May 60

117,231

Mechanism of the Effect of Artificial Hypothermia on  
Protein Synthesis, by Yu. E. Babetskaya, 3 pp.

RUSSIAN, per Dokl Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1294-1297.

Amer Inst of Biol Sci

118,972

Sci

Jun 60

Glycogenolysis by Preparations of Liver  $\alpha$ -1,4-  
Polyglucosidase Not Containing  $\alpha$ -Amylase, by E. L.  
Rozenfel'd, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 6,  
1959, pp 1299-.

Amer Inst of Biol Sci

118,973

Sci

Jun 60

Effect of Phosphorus Nutrient on Transpiration  
of Woody Variety Seedlings, by D. P. Viktorov,  
P. I. Bystriantsev, 3 pp.

RUSSIAN, part, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1302-1304.

Amer Inst of Biol Sci

Sci

Jul. 60

120,727

Relation of Optical Properties of Plant Leaves  
to Soil Fertilization, by V. P. Dadykin, V. P.  
Bedenko, Yu. A. Davydova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII,  
No 6, 1959, pp 1305-1308.

Amer Inst of Biol Sci

Sci

Jul 60

120,728



Effect of Gibberellin-Like Substances Extracted From  
Leaves of Different Plants on Growth and Flowering  
of Rudbeckia, by M. Kh. Chailakhyan, V. N. Lozhnikova,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXVIII, No 6,  
1959, pp 1309-.

Amer Inst of Biol Sci

Sci

Jul 60

120,729

Basic Problems in the Calculation of the Cohesion  
Between Reinforcement with a Periodic Profile and  
Concrete in Centrally Reinforced Prismatic Members, by  
M. M. Kholmyanskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 48-.

Amer Inst of Phys  
Sov Phys--Doklady  
Vol IV, No 6

Sci

Jul 60

120,663

Gas-Ionizing Magnetohydrodynamic Shock Waves, by  
A. G. Kulikovskiy, G. A. Lyubimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 52-55.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

JPRS

Sci

120, 652

Jul 60

An Experimental Investigation of Nonstationary  
Flow in Visco-Plastic Fluids, by G. D. Rozenberg,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 56-58.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

Sci

Jul 60

120,657

Wave Diffraction in the Cauchy-Poisson Problem,  
by L. N. Sretenskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX. No 1,  
1959, pp 59-.

Amer Inst of Phys  
Sov-Phys - Doklady  
Vol IV, No 6

Sci

Jul 60

p-n Junctions at Low Temperatures, by B. M. Vol, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,  
1959, pp 61-63.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

Sci

Jul 60

122, 666

The Motion of Gaseous Bubbles in a Liquid  
Under the Influence of Bjerknes Forces Arising  
in an Acoustic Field, by V. F. Kazantsev, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 64-67.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

*120, 668*

301

JUL 60

A Test of the Conservation of Parity in Strong  
Interactions at High Energies, by V. G. Solov'yov,  
4 pp.

RUSSIAN, PER, Dokl Ak Nauk SSSR, Vol CXXIX, No 2,  
1959, pp 66-71.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

Sci

Jul 60

120, 067



Variation in the Adsorption Properties of Silica  
Gel Under the Action of Gamma-Irradiation, by  
S. V. Starodubtsev, Sh. A. Ablyayev, S. E. Ermatov,  
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 72-73.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

*RUSSIAN to FRENCH*  
*OTS TT-62-28260*

Sci

*120,669*

Jul 60

A New Method for the Calculation of Statistical  
Weights of Rotational Levels of Polyatomic Molecules,  
by E. D. Trifonov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 74-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

Sci

Jul 60

120,670

S-5599

(DC-3252).

Some USSR Results Obtained by Measuring the  
Magnetic Field of the Earth With a Space Rocket,  
by S. Sh. Dolginov, N. V. Pushkov, 7 pp.

RUSSIAN, per, Dok. Ak. Nauk. SSSR, Vol CXIX, No 1,  
Nov-Dec 1959, pp 77-80.

JPRS-L-1981-D NLL AB 303

Sci - Geophys  
Jan 60

X-4170  
HGI

105 721

Mesures des spectres de masses des ions de  
la haute atmosphere a l'aide du 3eme satellite  
artificiel de la terre, by V. G. Istomin, 8 pp.

RUSSIAN to FRENCH, per, Dok Ak Nauk SSSR, Vol. CXXIX,  
1959, pp 81-84.

Reverse Translation  
CEA-1-1744

Sci  
May 64

Application of Relaxation Oscillators for the  
Generation of Frequency-Modulated Oscillations, by  
A. A. Vasil'yev, 3 pp.

RUSSIAN, Dokl. Akad. Nauk SSSR, Vol. CXXIX, No 1,  
1959, pp 85-87.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol. IV, No 6

*English transl.*  
*English transl.*  
*Vol IV, No 6*

Sci

Jul 60

*120, 636*

The Problem of Strengthening High-Pressure  
Vessels, by M. G. Gonikberg, D. S. Tsiklis,  
A. A. Opekunov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 88-90.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

Sci

Jul 60

U.S. DEPT. OF COMMERCE  
GPO 1960-1-100

120,688

The Problem of the Mechanism of Fracture of Solids,  
by S. N. Zhurkov, A. V. Savitskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 91-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

Sci

Jul 60

120,689

Catalytic Polymerization of Propylene-Proparg Mixture:  
Over Phosphoric Acid on Kieselguhr, by L. I. Antsus,  
A. D. Petrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959,  
pp 95-97.

CB

Bel  
Oct 60

127,929



2-Ethyleneimino-2-Phenyl-1,3-Indanedione, by A  
Aren, G. Ya. Vansg, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIX, No.  
1959, pp 98-101.

CB

Sci  
Oct 60

1-29, 91

Stereochemical Study of the Active Centers of a  
Catalyst, by A. A. Balandin, E. I. Klabunovskiy,  
4 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 102-104.

CB

Sci  
Oct 60

129,930

A Study of the Oxidation of  $\text{TiCl}_3$  With Isopropyl-  
zene Hydroperoxide in Aqueous and Hydrocarbon Me-  
by G. P. Belonovskaya, B. A. Dolgoplosk, Zh. D.  
Chernova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 105-108.

CB

Sci  
Oct 60

129,952

Metallation of Polymers, by V. P. Glushko,  
E. D. Delinskaya, K. A. Kocheshkov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 109-112.

CB

77-5-1-1

Sci

Oct 60

129,933

Synthesis of p-Isopropylcyclohexylbenzene and  
Autooxidation, by S. V. Zavgorodniy, V. L. Lev-  
nyaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No  
1959, pp 113-115.

CB

Sci  
Oct 60

129,935

Investigation of the Rearrangement of Hydrazo Compounds Under the Influence of Un-Ionized Acids, by V. D. Lukashovich, L. G. Kroluk, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959, pp 117-120.

CB

Sci  
Oct 60

129,934

The Infrared Spectra and Structure of  
Acetylides, by A. H. Redonov, G. V. D. ...  
T. V. Talaleva, D. N. Shegorin, K. A. ...  
L. pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, p-  
1959, pp 121-124.

CB

Sci  
Oct 60

129, 231

Investigations of Triterpens, Myricadiol From the  
Bark of Myrica Gale L, by A. A. Ryabinin, L. G.

Myricadiol, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 125-127.

CB

Sci  
Oct 60

129.937



Dehydrogenation of n-Nonane Over Chromia-Alumina  
Catalyst, by E. A. Timofeyeva, N. I. Shuikin, Yu. I.  
Plotnikov, V. M. Kleimenova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 128-130.

CB

Sci

Oct 60

SLA 61-1037  
ATS-69 MAR

129,939

The Influence of the Degree of Modification of a  
Silica Surface by Trimethylchlorosilane on the  
Adsorption Properties of the Surface, by I. Yu.  
Babkin, V. S. Vasil'yeva, I. V. Drogaleva, A. V. Kiselev,  
Kiselev, A. Ya. Korolev, K. D. Shcherbakova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 131-134.

CB

Sci

Oct 60

130,082

The Study of the  $\text{Bi}_2\text{Te}_3$ - $\text{Bi}_2\text{S}_3$  System, by M. I  
Bagdasaryan, H. Kh. Abramyan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No  
1959, pp 135-137.

CB

Sci

Oct 60

130,083

PERMUTATION CHROMATOGRAPHY, by D. A. Vyshinsky,  
P. F. Komissarov, 4pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXKIX, No.  
1959, pp 138-140. 9097327

CB

~~SECRET~~  
AKAE A. F. 100

D-44 3-4-60 S-10-109(24)

130,084

Sci

Oct 60

The Mechanism of the Oxidation of Propylene to  
Acrolein on a Cuprous Oxide Catalyst, by O. V.  
Isayev, L. Ya. Margolis, I. S. Sazonov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 141-144.

~~RUSSIAN, per, Do,~~

~~125~~

CB

ATS-RJ-2401  
ATS-44M39R

Sci

Oct 60

151, 245

The Electron Paramagnetic Resonance Spectra of  
Certain Catalysts and Catalyst-Hydrocarbon  
Systems, and the Action of  $\gamma$ -Radiation on Them  
by Yu. A. Kolbanovskiy, I. M. Kustanovich, L. I.  
Polak, A. S. Shcherbakova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No :  
1959, pp 145-148.

CB

Sci

Oct 60

130,080

The Adhesion Between Polymers and Modified Glass  
Surfaces in Relation to the Charge-Reversal  
Phenomena Observed on Separation, by N. A.  
Krotova, L. P. Morozova, B. V. Deryagin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No  
1959, pp 149-152.

CB

Sci

Oct 60

130,081

The Theory of Stationary Combustion in Powders,  
by A. G. Merzhanov, F. I. Belovitskiy, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CCXX, No 1,  
1959, pp 153-156.

CB

Sci

Oct 60

130,076



The Theory of Low-Pressure Decomposition of Nitrous  
Oxide, by E. E. Nikitin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 157-160.

CB

Sci

Oct 60

130,077

The Effect of Ultrasonic ~~Box~~ Vibrations on  
Absorption of Carbon Dioxide, by Water, by  
Y. Yu. Orlov, N. M. Zhavoronkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, 1  
1959, pp 161-164.

GB

Sci

Oct 60

1301078

Determination of "Unperturbed" Macromolecular  
Dimensions in Good Solvents, by O. E. Ptitsyn,  
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 165-167.

CB

Sol

Oct 60

131,519

The Effects of Temperature and Humidity  
on the Rate of Turbulent Combustion, by A.  
Sokolik, V. P. Karpov, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol. CXIX,  
1959, pp 168-171.

CB

Sci

Oct 60

130,079

The EFFECTS of the Degree of Degassing on the  
Electron Work Function in Nickel, by N. A.  
Shumovskaya, R. Kh. Barshtein, 2 pp.

RUSSIAN, per: Dok Ak Nauk SSSR, Vol. CXXII, No. 1,  
1959, pp. 172-.

CB

Sci.

Oct 60

The Properties of Melts in the  $\text{CaO-FeO-SiO}_2$   
System When the  $\text{FeO}$  Is Replaced by Zinc Oxide,  
by D. M. Chishikov, Z. F. Gulyanitskaya, V. P.  
Schastlivyi, R. N. Petrova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 174-176.

CB

Sci

Oct 60

130,659

The Influence of the Temperature of the Medium on  
the Induction Time in the Attachment of Mineral  
Particles to an Air Bubble, by M. A. Eigeles, M.  
L. Volova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIX, No 1,  
1959, pp 177-.

CB

Sci

Oct 60

130,660

The Generic Assemblages of Trilobites and  
Archaeocyathids of the Lower Cambrian  
of the Altai-Sayan Region, by I. T.  
Zimravleva, L. N. Repina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX.  
No 1, 1959, pp 181-183.

AGX

Sci  
Jun 61

154,666



On the Regularities in the Distribution of the Zones of Gas and Oil Accumulation in the Apsheron Peninsula and in the Neighboring Regions and on Their Association With the Geostructural Development of the Surrounding Regions, by G. P. Tamrazyan, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
~~1966~~, pp 134-136.

1965

AGI

Sci

Jun 61

The Discovery of a Primitive Lycopod in the  
Silurian of Kazakhstan, by M. A. Senkevich,  
4 pp.

RUSSIAN, per, Dok. Ak. Nauk. SSSR, Vol CXXIX;  
No 1, 1959, pp 187-190.

NOI

61-15891

154,696

Sci

Jun 61

Experimental Thyroid Dysfunction in the Mother and Its  
Effect on the Connective Tissue of the Skin in the  
Albino Rat Embryo, by M. S. Vinogradova, 3 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol. CXXIX, No 1, 1959,  
pp 191-

Amer Inst of Biol Sci

Sci  
Jul 60

121,052

Natural Hybridization of Sturgeons in the Volga,  
by A. T. Dyuzhikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959. pp 194-.

Amer Inst of Biol Sci

Sci -  
Jul 60

121,000

Transmission of Rythmical Changes in Rate of Movement of Protoplasm under the Influence of a Traveling Excitation Wave, by A. M. Sinyukhin, L. G. Nazarova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959, pp 198-201

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

Sci

Jul 60

120,704

Iron Ion Oxidation Processes in an Ultrasonic Field,  
by I. E. El'piner, A. V. Sokol'skaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 202-.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

Sci

Jul. 60

120,705

Study of the Biosynthesis of Lignin in  
Isolated Carrot Tissues, by M. S. Bardinskaya,  
V. I. Safonov, 5pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,  
No 1, 1959, pp 205-208.

Amer Inst of Biol Sci

118,974

Sci

Jun 60

Transamination of  $\beta$ -Methylaspartic Acid in  
Liver Slices, by G. A. Galatov, S. R. Mardashev;  
3 pp.

RUSSIAN, transl, Dok Ak Nauk SSSR, Vol CXXIX,  
No 1, 1959, pp 209-211.

Acad Inst of Biol Sci

118,975

Sci

Jun 60



Inactivation of Influenza Virus by the Action of  
Sulphonates and the Restoration of Its Infective  
Properties by Treatment With Nucleic Acids, by A. N.  
Solgenik, T. P. Kichik, A. N. Mosolov, 4 pp.

RUSSIAN, para, Dokl Ak Nauk SSSR, Vol 131, No 1,  
1959, pp 213-217.

Arxiv Inst of Biol Sci

112,976

Sol

Jan 60

The Discovery of Hordeum Lagunculiforme Bacht, on an  
Area in Turkmen SSR, by P. Kh. Bachtseyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1959,  
pp 216-.

Amer Inst of Biol Sci

Sci

Jul 60

120,730

A Rare Type of Pollen in Hybrid Narcissus, by G. B.  
Kapinos, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,  
1959, pp 220-.

Amer Inst of Biol Sci

Sci

Jul 60

120,734

The Effect of Adenine and Kinetin on the  
Differentiation of Flower Buds in Perilla Stem  
Tips, by M. Kh. Chailakhyan, R. G. Butenko,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,  
No 1, 1959, pp 224--.

Amer Inst of Biol Sci

Sci

Jul 60

120,736

Changes in the Frequency Components of the Human  
Electroencephalogram in Response to Flickering Light, by  
V. A. Il'yanok, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1, 1955,  
pp 228-230

Amer Inst of Biol Sci  
ATS/RT-2591

Sci  
Jul 60

121,039

Convergence of Sequences of Analytical and  
Meromorphic Functions, by G. Ts. Tumarkin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX,  
No 2, 1959, pp 260-263.

Navy/JHU/APL TG 230-1259

Sci - Phys  
Feb 62

184,874

The Use of a Contact Photographic Method for the  
Study of Weak Light Fluxes, by I. V. Volkov, V. F.  
Esipov, E. V. Shcheglov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXIX, No 2,  
1959, pp 288-.

Amer Inst of Phys  
Sov-Phys - Doklady  
Vol. IV, No 6

Sci

Jul 60

The Investigation of Exact Solutions of Nonstationary  
Diffraction Problems in the Neighborhood of Wave  
Fronts, by V. S. Buldyrev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,  
1959, pp 291-294.

Amer Inst of Phys  
Sov Phys-Doklady  
Vol IV, No 6

120,660

Sci

Jul 60